

**DRAFT COPY
SUBJECT TO REVISION
OHIO EPA**

OEPA Permit No. OH000374CD

Application No. OH0041190

Effective Date:

Expiration Date: 5 Years

OHIO ENVIRONMENTAL PROTECTION AGENCY

AUTHORIZATION TO DISCHARGE UNDER THE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq. hereinafter referred to as "the Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

Satra Concentrates, Incorporated

is authorized by the Ohio Environmental Protection Agency, hereafter referred to as "Ohio EPA", to discharge from the wastewater treatment works located on

Jefferson County 74 (Goulds Road), approximately 1.5 miles north of New Alexandria, Section 8 of Cross Creek Township, Ohio, Jefferson County

and discharging to Cross Creek

in accordance with the conditions specified in Parts I, II and III of this permit.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Gerry Ioannides
Director

7228P

EPA Region 5 Records Ctr.



383946

1. During the period beginning on the effective date of this permit and lasting until 6 months after the effective date of this permit, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: OI000037001. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>			<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING CODE/UNIT'S	PARAMETER		Concentration		Loading		Measurement Frequency	Sample Type
			Other Units (Specify)	30 DAY DAILY	30 DAY DAILY	kg/day		
00010 °C	Water Temperature		--	--	--	--	Daily	Grab
00083 UNITS	Color, Severity*		--	--	--	--	Daily	Visual
00310 MG/L	Biochemical Oxygen Demand, 5 Day		30	45	--	--	2/Month	Grab
00530 MG/L	Residue, Total Nonfilterable		30	45	--	--	2/Month	Grab
00610 MG/L	Nitrogen, Ammonia (NH ₃)		--	--	--	--	2/Month	Grab
01330 UNITS	Odor, Severity*		--	--	--	--	Daily	Visual
01350 UNITS	Turbidity, Severity*		--	--	--	--	Daily	Visual
31616 #/100ML	Fecal Coliform (Summer Only)		200	400	--	--	1/Month	Grab
31648 #/100ML	<u>E. coli</u> (Summer Only)		--	--	--	--	1/Month	Grab
50050 MGD	Flow Rate		--	--	--	--	Daily	24 Hr. Est.
50060 MG/L	Chlorine, Total Residual (Summer Only)		Less than 0.5 at all times				2/Month	Grab

** See Part II, Item C.

2. The pH (Reporting Code 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored 1/month by grab sample.
3. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.

1. During the period beginning on the effective date of this permit and lasting until 6 months after the effective date of this permit, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: OI000037004. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>		<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING CODE/UNITS	PARAMETER	Concentration		Loading		Measurement Frequency*	Sample Type
		Other Units (Specify)		kg/day			
		30 DAY	DAILY	30 DAY	DAILY		
00530 MG/L	Residue, Total Nonfilterable	---	50	---	---	2/Month	Grab
00900 MG/L	Water Hardness, Total	---	-	---	-	1/Month	Grab
00980 UG/L	Iron, Total Recoverable	---	---	---	---	1/Month	Grab
01007 UG/L	Barium, Total (Ba)	---	-	---	-	1/Month	Grab
01030 UG/L	Chromium, Dissolved (Cr)	---	---	---	---	1/Month	Grab
01034 UG/L	Chromium, Total (Cr)	---	-	---	-	1/Month	Grab
01105 UG/L	Aluminium, Total (Al)	---	---	---	---	1/Month	Grab
50050 MGD	Flow Rate	-	-	-	-	Daily	24 Hr. Est.

* When discharging.

2. The pH (Reporting Code 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored 1/month by grab sample.
3. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: OIDO0037001. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>		<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING		Concentration		Loading		Measurement	Sample
CODE/UNITS PARAMETER		Other Units (Specify)		kg/day		Frequency	Type
		30 DAY	DAILY	30 DAY	DAILY		

There shall be no discharge of wastewater at this outfall.

2. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: OI000037003. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>		<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING CODE/UNITS	PARAMETER	Concentration		Loading		Measurement Frequency	Sample* Type
		Other Units (Specify)	kg/day	30 DAY	DAILY		
00530 MG/L	Residue, Total Nonfilterable	-	50	-	-	2/Month	Grab
00900 MG/L	Water Hardness, Total	-	-	-	-	1/Month	Grab
00980 UG/L	Iron, Total Recoverable	-	-	-	-	1/Month	Grab
01007 UG/L	Barium, Total (Ba)	-	-	-	-	1/Month	Grab
01030 UG/L	Chromium, Dissolved (Cr)	-	-	-	-	1/Month	Grab
01034 UG/L	Chromium, Total (Cr)	-	-	-	-	1/Month	Grab
01105 UG/L	Aluminium, Total (Al)	-	-	-	-	1/Month	Grab
50050 MGD	Flow Rate	-	-	-	-	Daily	24 Hr. Est.

* When discharging

2. The pH (Reporting Code 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored 1/month by grab sample.
3. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: OI00037004** SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>		<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING CODE/UNITS	PARAMETER	Concentration		Loading		Measurement Frequency*	Sample Type
		Other Units (Specify)	kg/day	30 DAY	DAILY		
00530 MG/L	Residue, Total Nonfilterable	-	50	-	-	2/Month	Grab
00900 MG/L	Water Hardness, Total	-	-	-	-	1/Month	Grab
00980 UG/L	Iron, Total Recoverable	-	-	-	-	1/Month	Grab
01007 UG/L	Barium, Total (Ba)	-	-	-	-	1/Month	Grab
01030 UG/L	Chromium, Dissolved (Cr)	-	-	-	-	1/Month	Grab
01034 UG/L	Chromium, Total (Cr)	-	-	-	-	1/Month	Grab
01105 UG/L	Aluminium, Total (Al)	-	-	-	-	1/Month	Grab
50050 MGD	Flow Rate	-	-	-	-	Daily	24 Hr. Est.

* When discharging.

** There shall be no discharge of process wastewaters at this outfall.

2. The pH (Reporting Code 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored 1/month by grab sample.
3. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.

3. Upstream. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the receiving stream, upstream of the point of discharge at Station Number OI000037801 and report to the Ohio EPA in accordance with the following table. See PART II, OTHER REQUIREMENTS for location of sampling.

<u>CHARACTERISTIC</u>			<u>MONITORING REQUIREMENTS*</u>	
Reporting			Measurement	
<u>Code</u>	<u>Units</u>	<u>Parameter</u>	<u>Frequency</u>	<u>Sample Type</u>
00900	MG/L	Water Hardness, Total	1/Month	Grab
00980	UG/L	Iron, Total Recoverable	1/Month	Grab
01007	UG/L	Barium, Total (Ba)	1/Month	Grab
01030	UG/L	Chromium, Dissolved (Cr)	1/Month	Grab
01034	UG/L	Chromium, Total (Cr)	1/Month	Grab
01105	UG/L	Aluminium, Total (Al)	1/Month	Grab

* Sampling of upstream parameters shall occur on the same day of sampling outfalls OI000037003 and OI000037004.

4. Downstream. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the receiving stream, downstream of the point of discharge at Station Number ~~OID00037001~~ and report to the Ohio EPA in accordance with the following table. See PART II, OTHER REQUIREMENTS for location of sampling. ←

<u>CHARACTERISTIC</u>			<u>MONITORING REQUIREMENTS*</u>	
Reporting			Measurement	
Code	Units	Parameter	Frequency	Sample Type
00900	MG/L	Water Hardness, Total	1/Month	Grab
00980	UG/L	Iron, Total Recoverable	1/Month	Grab
01007	UG/L	Barium, Total (Ba)	1/Month	Grab
01030	UG/L	Chromium, Dissolved (Cr)	1/Month	Grab
01034	UG/L	Chromium, Total (Cr)	1/Month	Grab
01105	UG/L	Aluminium, Total (Al)	1/Month	Grab

* Sampling of downstream parameters shall occur on the same day of sampling outfalls ~~OID00037003~~ and ~~OID00037004~~.

1. The permittee shall achieve compliance with the Final Effluent Limitations for outfalls OID00037001 and OID00037004 as specified in Part I.A. of this NPDES permit as expeditiously as practicable. In any event the permittee shall attain final compliance not later than the dates developed in accordance with the following schedule:
 - A. Within three (3) months of the effective date of this NPDES permit, the permittee shall submit a complete, approvable application for Permit to Install and detailed plans for a non-discharging sanitary wastewater treatment system with appropriate fees to the Ohio EPA Southeast District Office for review. The non-discharging sanitary wastewater treatment system will replace the existing sanitary wastewater treatment plant, and eliminate discharge from outfall OID00037001.
 - B. Within three (3) months of the effective date of this NPDES permit, the permittee shall submit a complete, approvable application for Permit to Install and detailed plans with appropriate fees to the Southeast District Office of the Ohio EPA for review for the improvements necessary to totally recycle all process wasteaters and eliminate the discharge of process wastewater from outfall OID00037004.
 - C. Within six (6) months of the effective date of this NPDES permit, the permittee shall have completed construction and attained full compliance with the Final Effluent Limitations for outfalls OID00037001 and OID00037004. No process wastewater shall be discharged at outfall OID00037004 and no discharge shall be permitted at outfall OID00037001.
2. The permittee shall submit written verification to the Ohio EPA Southeast District Office of the completion of steps 1.A and 1.B of this schedule of compliance within 14 days after completion of each step.

A. Description of the location of the required sampling stations are as follows:

<u>Sampling Station</u>	<u>Description of Location</u>
OID00037001	Sanitary discharge to Cross Creek after chlorination and prior to entering Cross Creek. (Lat: 40°18'39"; Long: 80°40'04")
OID00037003	Slag pile runoff tributary to Cross Creek in the northeast area of the facility at the drainage culvert on Goulds Road prior to entering Cross Creek. (Lat: 40°18'45"; Long: 80°40'01")
OID00037004	Jig process overflow and site runoff tributary to Cross Creek in the central eastern area of the facility at the drainage culvert on Gould Road prior to entering Cross Creek. (Lat: 40°18'39"; Long: 80°40'05")
OID00037801	Upstream approximately 1/2 mile; south of the intersection of Sherlock Road and Gould Road near Long Run School. (Lat: 40°18'34"; Long: 80°40'34")
OID00037901	Downstream approximately 1000 feet; west of outfall OI00087003. (Lat: 40°18'44"; Long: 80°39'58")

B. All parameters, except flow, need not be monitored on days when the plant is not normally staffed (Saturdays, Sundays, and Holidays). On those days report "AN" on the monthly report forms.

C. If Severity Units are required for Turbidity, Odor, or Color, use the following table to determine the value between 0 and 4 that is reported:

REPORTED VALUE *	SEVERITY DESCRIPTION	TURBIDITY	ODOR	COLOR
0	None	Clear	None	Colorless
1	Mild			
2	Moderate	Light Solids	Musty	Grey
3	Serious			
4	Extreme	Heavy Solids	Septic	Black

* Interpolate between the descriptive phrases.

D. This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under sections 301(b)(2) (C), and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

- (1) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
- (2) Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

- E. In the event the permittee's operation shall require the use of cooling water treatment additives, written permission must be obtained from the Ohio Environmental Protection Agency. The permittee shall demonstrate that the use of the additive in the concentrations expected will not be harmful or inimical to aquatic life as determined by acute static bioassays.
- F. Oil and grease shall be monitored 1/month at Monitoring Station Number OI000037004. This sample shall be collected between 30 minutes and 60 minutes following the start of any one rainfall event occurring during the monthly sampling period. In the event of multiple rainfall events during one sampling period, the permittee shall sample only the first of such rainfall events. If a measurable rainfall event does not occur, the permittee is required to sample on the last day of the monthly sampling period.
- G. Permit limitations may be revised in order to meet water quality standards after a stream use determination and waste load allocation are completed and approved. This permit may be modified, or, alternatively, revoked and reissued, to comply with any applicable water quality effluent limitations.
- H. Best Management Practices Plan

Within six (6) months from the effective date of this special condition, the permittee shall submit to the Ohio EPA a best management practices plan (BMP) for the control of storm runoff, toxic pollutants, oils and other unauthorized pollutants that may be discharged from Outfalls OI000037001, OI000037003, and OI000037004. For purposes of this section, toxic pollutants means any pollutants listed as toxic under Section 307(a)(1) of the Clean Water Act, or any pollutant listed as hazardous under Section 311 of the Clean Water Act.

The BMP plan shall be developed in accordance with good engineering practices and shall:

1. Be documented in narrative form, and shall include any necessary plot plans, drawings or maps;
2. Establish specific objectives for the control of toxic and hazardous pollutants, oil and other unauthorized pollutants.
 - (i) Each facility component or system shall be examined for its potential for causing a release of significant amounts of unauthorized or toxic or hazardous pollutants to waters of the State due to equipment failure, improper operation, natural phenomena such as rain or snowfall, etc.;

H. Continued

- (ii) Where experience indicates a reasonable potential for equipment failure (e.g. a tank overflow or leakage), natural condition (e.g. precipitation), or other circumstances to result in significant amounts of toxic or hazardous or unauthorized pollutants reaching surface waters, the plan should include a prediction of the direction, rate of flow and total quantity of toxic or hazardous pollutants which could be discharged from the facility as a result of each condition or circumstance;
 - (iii) Include monitoring of internal wastewater streams and non-contact cooling waters as necessary to isolate sources of toxic and hazardous pollutants.
- 3. Establish specific best management practices for each component or system capable of causing a release of significant amounts of unauthorized or toxic or hazardous pollutants to the waters of the State.
- 4. The BMP plan:
 - (i) May reflect requirements for Spill Prevention Control and Countermeasure (SPCC) plans under Section 311 of the Act and 40 CFR Part 151, and may incorporate any part of such plans into the BMP plan by reference;
 - (ii) Shall assure the proper management of solid and hazardous waste in accordance with regulations promulgated under the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976 (RCRA) (40 U.S.C. 6901 et. seq.). Management practices required under RCRA regulations shall be expressly incorporated into the BMP plan; and
 - (iii) Shall address the following points:
 - A. Statement of policy;
 - B. Spill Control Committee;
 - C. Material inventory;
 - D. Material compatibility;
 - E. Employee training;
 - F. Reporting and notification procedures;
 - G. Visual inspections;
 - H. Preventive maintenance;
 - I. Housekeeping; and
 - J. Security.

The permittee shall implement the BMP upon notification of approval of the plan by the Ohio EPA. In the event the Ohio EPA does not approve the BMP plan in its entirety, the permittee shall implement those portions of the plan approved by the Ohio EPA and submit a revised plan for review by the Ohio EPA not later than 30 days from notification by the Ohio EPA.

The permittee shall maintain a copy of the BMP plan at the facility and

H. Continued

The permittee shall amend the BMP plan whenever there is a change in facility design, construction, operation, or maintenance which materially affects the facility's potential for discharge of significant amounts of unauthorized or hazardous or toxic pollutants into the waters of the State.

If the BMP plan proves to be ineffective in achieving the general objective of preventing the release of significant amounts of unauthorized or toxic or hazardous pollutants to those waters, then the permit and/or BMP plan shall be subject to modification to incorporate revised BMP requirements.

sample is taken during a day, the weight of pollutant discharge calculated from it is the daily load.

"daily concentration limitation" means the arithmetic average (weighted by flow) of all the determinations of concentration made during the day. If only one sample is taken during the day its concentration is the daily concentration. Coliform bacteria limitations compliance shall be determined using the geometric mean.

"7-day load limitation" is the total discharge by weight during any 7-day period divided by the number of days in that 7-day period that the facility was in operation. If only one sample is taken in a 7-day period the weight of pollutant discharge calculated from it is the 7-day load. If more than one sample is taken during the 7-day period the 7-day load is calculated by determining the daily load for each day sampled, totaling the daily loads for the 7-day period and dividing by the number of days sampled.

"7-day concentration limitation" means the arithmetic average (weighted by flow) of all the determinations of daily concentration limitation made during the 7-day period. If only one sample is taken during the 7-day period, its concentration is the 7-day concentration limitation for that 7-day period. Coliform bacteria limitations compliance shall be determined using the geometric mean.

"30-day load limitation" is the total discharge by weight during any 30-day period divided by the number of days in the 30-day period that the facility was in operation. If only one sample is taken in a 30-day period the weight of pollutant discharge calculated from it is the 30-day load. If more than one sample is taken during one 30-day period the 30-day load is calculated by determining the daily load for each day sampled, totaling the daily loads for the 30-day period and dividing by the number of days sampled.

"30-day concentration limitation" means the arithmetic average (weighted by flow) of all the determinations of daily concentration made during the 30-day period. If only one sample is taken during the 30-day period, its concentration is the 30-day concentration for that 30-day period. Coliform bacteria limitations compliance shall be determined using the geometric mean.

"85 percent removal limitations" means the arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same times during the same period.

Absolute Limitations. Compliance with limitations having descriptions of "shall not be less than", "nor greater than", "shall not exceed", "minimum", or "maximum", shall be determined from any single value for effluent samples and/or measurements collected.

"Net concentration" shall mean the difference between the concentration of a given substance in a sample taken of the discharge and the concentration of the same substances in a sample taken at the intake which supplies water to the given process. For the purpose of this definition samples that are taken to determine the net concentration shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"Net load" shall mean the difference between the load of a given substance as calculated from a sample taken of the discharge and the load of the same substance in a sample taken at the intake which supplies water to given process. For purposes of this definition samples that are taken to determine the net loading shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"MGD" means million gallons per day

"mg/l" means milligrams per liter

"ug/l" means micrograms per liter

"Reporting Code" is a five digit number used by the Ohio EPA in processing reported data. The reporting code does not imply the type of analysis used nor the sampling techniques employed.

Quarterly sampling frequency means the sampling shall be done in the months of March, June, August and December.

Yearly sampling frequency means the sampling shall be done in the month of September

"Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

2. GENERAL EFFLUENT LIMITATIONS

The effluent shall, at all times, be free of substances:

- A. In amounts that will settle to form putrescent, or otherwise objectionable, sludge deposits; or that will adversely affect aquatic life or water fowl;
- B. Of an oily, greasy, or surface-active nature, and of other floating debris, in amounts that will form noticeable accumulations of scum, foam or sheen;
- C. In amounts that will alter the natural color or odor of the receiving water to such degree as to create a nuisance;
- D. In amounts that either singly or in combination with other substances are toxic to human, animal, or aquatic life;
- E. In amounts that are conducive to the growth of aquatic weeds or algae to the extent that such growths become inimical to more desirable forms of aquatic life, or create conditions that are unsightly, or constitute a nuisance in any other fashion;
- F. In amounts that will impair designated instream or downstream water uses.

3. FACILITY OPERATION AND QUALITY CONTROL

All wastewater treatment works shall be operated in a manner consistent with the following:

- A. At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee necessary to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with conditions of the permit.
- B. The permittee shall effectively monitor the operation and efficiency of treatment and control facilities and the quantity and quality of the treated discharge.
- C. Maintenance of wastewater treatment works that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner approved by the Ohio EPA as specified in the Paragraph in this PART III entitled, "UNAUTHORIZED DISCHARGES".

}

4. REPORTING

- A. Monitoring data required by this permit shall be reported on the Ohio EPA report form (4500) on a monthly basis. Individual reports for each sampling station for each month are to be received no later than the 15th day of the next month. The original plus first copy of the report form must be signed and mailed to:

Ohio Environmental Protection Agency
Div Water Pollution Control
Enforcement Section, ES/MOR
PO Box 1049
Columbus, Ohio 43266-0149

- B. If the permittee monitors any pollutant at the location(s) designated herein, then the permittee

40 CFR 136, "Test Procedures for The Analysis of Pollutants" unless other test procedures have been specified in this permit. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

6. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- A. The exact place and date of sampling; (time of sampling not required on EPA 4500)
- B. The person(s) who performed the sampling or measurements;
- C. The date the analyses were performed on those samples;
- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used; and
- F. The results of all analyses and measurements

7. RECORDS RETENTION

The permittee shall retain all of the following records for the wastewater treatment works for a minimum of three years, including:

- A. All sampling and analytical records (including internal sampling data not reported);
- B. All original recordings for any continuous monitoring instrumentation;
- C. All instrumentation, calibration and maintenance records; and
- D. All plant operation and maintenance records.
- E. All reports required by this permit.
- F. Records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report or application.

These periods will be extended during the course of any unresolved litigation, or when so requested by the Regional Administrator or the Ohio EPA. The three year period for retention of records shall start from the date of sample, measurement, report or application.

8. AVAILABILITY OF REPORTS

Except for data determined by the Ohio EPA to be entitled confidential status, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate District Offices of the Ohio EPA. Both the Clean Water Act and Section 6111.05 Ohio Revised Code state that effluent data and receiving water quality data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in the Ohio Revised Code Section 6111.99.

9. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

10. RIGHT OF ENTRY

The permittee shall allow the Director, or an authorized representative upon presentation of credentials and other documents as may be required by law to;

- A. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit

- A. Bypassing or diverting of wastewater from the treatment works is prohibited unless:
1. Bypass was unavoidable to prevent loss of life, personal injury or severe property damage;
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of downtime. This condition is not satisfied if adequate back up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under paragraph D. of this section.
- B. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
- C. The Director may approve an unanticipated bypass, after considering its adverse effects, if the Director determines that it has met the three conditions listed in paragraph 11. A. of this section.
- D. The permittee shall submit notice of an unanticipated bypass as required in section 12 (one hour notice).
- E. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded if that bypass is for essential maintenance to assure efficient operation.

12. NONCOMPLIANCE NOTIFICATION

- A. The permittee shall by telephone report any of the following within twenty-four (24) hours of discovery, at (toll free) 1-800-282-9378:
1. Any noncompliance which may endanger health or the environment;
 2. Any unanticipated bypass which exceeds any effluent limitation in the permit; or
 3. Any upset which exceeds any effluent limitation in the permit.
 4. Any violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit.
- B. For the telephone reports required by Part 12.A, the following information must be included:
1. The times at which the discharge occurred, and was discovered;
 2. The approximate amount and the characteristics of the discharge;
 3. The stream(s) affected by the discharge;
 4. The circumstances which created the discharge;
 5. The names and telephone numbers of the persons who have knowledge of these circumstances;
 6. What remedial steps are being taken; and
 7. The names and telephone numbers of the persons responsible for such remedial steps.
- C. These telephone reports shall be confirmed in writing within five days of the discharge and submitted to the appropriate Ohio EPA District office. The report shall include the following:
1. The limitation(s) which has been exceeded;
 2. The extent of the exceedance(s);
 3. The cause of the exceedance(s);
 4. The period of the exceedance(s) including exact dates and times;

Office of the Ohio EPA within 14 days of becoming aware of such situation. The report shall include the following:

1. The compliance event which has been or will be violated;
 2. The cause of the violation;
 3. The remedial action being taken;
 4. The probable date by which compliance will occur; and
 5. The probability of complying with subsequent and final events as scheduled.
- E. The permittee shall report all instances of noncompliance not reported under paragraphs A, B, or C of this section, at the time monitoring reports are submitted. The reports shall contain the information listed in paragraphs B and C of this section.
- F. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

13. RESERVED

14. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

15. AUTHORIZED DISCHARGES

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such violations may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act, and Ohio Revised Code Sections 6111.09 and 6111.99

16. DISCHARGE CHANGES

The following changes must be reported to the appropriate Ohio EPA District Office as soon as practicable.

- A. For all treatment works, any significant change in character of the discharge which the permittee knows or has reason to believe has occurred or will occur which would constitute cause for modification or revocation and reissuance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Notification of permit changes or anticipated noncompliance does not stay any permit condition.
- B. For publicly owned treatment works:
1. Any proposed plant modification, addition and/or expansion that will change the capacity or efficiency of the plant;
 2. The addition of any new significant industrial discharge; and
 3. Changes in the quantity or quality of the wastes from existing tributary industrial discharges which will result in significant new or increased discharges of pollutants.
- C. For non-publicly owned treatment works, any proposed facility expansions, production increases, or process modifications, which will result in new, different, or increased discharges of pollutants.

Following this notice, modifications to the permit may be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. A determination will also be made as to whether a National Environmental Policy Act (NEPA) review will be required. Sections 6111.44 and 6111.45, Ohio Revised Code, require that plans for treatment works or improvements to such works be approved by the Director

2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" specified in 122.42(a)(2)(i) through 122.42(a)(2)(iv).

17. TOXIC POLLUTANTS

The permittee shall comply with effluent standards or prohibitions established under Section 307 (a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement. Following establishment of such standards or prohibitions, the Director shall modify this permit and so notify the permittee.

18. PERMIT MODIFICATION OR REVOCATION

- A. After notice and opportunity for a hearing, this permit may be modified or revoked, by the Ohio EPA, in whole or in part during its term for cause including, but not limited to, the following:
 1. violation of any terms or conditions of this permit;
 2. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
or
 3. a change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.
- B. Pursuant to rule 3745-33-06, Ohio Administrative Code the permittee may at any time apply to the Ohio EPA for modification of any part of this permit. The filing of a request by the permittee for a permit modification or revocation does not stay any permit condition. The application for modification should be received by the appropriate Ohio EPA District Office at least ninety days before the date on which it is desired that the modification become effective. The application shall be made only on forms approved by the Ohio EPA.

19. TRANSFER OF OWNERSHIP OR CONTROL

This permit cannot be transferred or assigned nor shall a new owner or successor be authorized to discharge from this facility, until the following requirements are met:

- A. The permittee shall notify the succeeding owner or successor of the existence of this permit by a letter, a copy of which shall be forwarded to the appropriate Ohio EPA District Office. The copy of that letter will serve as the permittee's notice to the Director of the proposed transfer. The copy of that letter shall be received by the appropriate Ohio EPA District Office sixty days prior to the proposed date of transfer;
- B. A written agreement containing a specific date for transfer of permit responsibility and coverage between the current and new permittees (including acknowledgement that the existing permittee is liable for violations up to that date, and that the new permittee is liable for violations from that date on) shall be submitted to the appropriate Ohio EPA District Office within sixty days after receipt by the District Office of the copy of the letter from the permittee to the succeeding owner;
- C. The Director does not exercise his right within thirty days after receipt of the written agreement to notify the current permittee and the new permittee of his or her intent to modify or revoke the permit and to require that a new application be filed; and
- D. The new owner or successor receives written confirmation and approval of the transfer from the Director of the Ohio EPA.

At anytime during the sixty (60) day period between notification of the proposed transfer and the effective date of the transfer, the Director may prevent the transfer if he concludes that such transfer will jeopardize compliance with the terms and conditions of the permit.

20. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Act.

21. SOLIDS DISPOSAL

23. CIVIL AND CRIMINAL LIABILITY

Except as exempted in the permit conditions on UNAUTHORIZED DISCHARGES or UPSETS, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

24. STATE LAWS AND REGULATIONS

Nothing in this permit shall be construed to preclude the institution of any legal action nor relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Act.

25. PROPERTY RIGHTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, state, or local laws or regulations.

26. UPSET

The provisions of 40 CFR Section 122.41(n), relating to "Upset," are specifically incorporated herein by reference in their entirety. For definition of "upset", see Part III, 1, DEFINITIONS.

27. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

28. SIGNATORY REQUIREMENTS

All applications submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR 122.22(b) and (c).

All reports submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR Section 122.22(b) and (c).

29. OTHER INFORMATION

- A. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.
- B. ORC 6111.99 provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$25,000 per violation.
- C. ORC 6111.99, states that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$25,000 per violation.
- D. ORC 6111.99 provides that any person who violates Sections 6111.04, 6111.042, 6111.05, or division (A) of Section 6111.07 of the Revised Code shall be fined not more than twenty-five thousand dollars or imprisoned not more than one year, or both.

30. NEED TO HALT OR REDUCE ACTIVITY

40 CFR 122.41(c), states that it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with conditions of this permit.

31. APPLICABLE FEDERAL RULES

All references to 40 CFR in this permit mean the version of 40 CFR which is effective as of the